In the Specification

On page 1, please replace paragraph[0002] with the following:

[0002] This ~~invention~~ disclosure pertains to management of multimedia interactions performed by one or more users from multimedia terminals. The interactions can be text-based, vocal or gestural. The interactions may be input by any conventional input device such as a mouse, joystick, keyboard or the like, or a nonconventional input device such as recognition and voice synthesis systems or interfaces controlled visually and/or by gesture. These multimedia interactions are processed in the context of the international standard MPEG-4.

Please replace the section title and paragraph [0010] spanning pages 4 and 5 with the following:

Summary ~~of the Invention~~

[0010] This ~~invention~~ disclosure relates to a method for managing interactions between at least one peripheral command device and at least one multimedia application exploiting the standard MPEG-4, the peripheral command device delivering digital signals as a function of actions of one or more users including constructing a digital sequence having the form of a BIFS node (Binary Form for Scenes in accordance with the standard MPEG-4), the node including at least one field defining a type and a number of interaction data to be applied to objects of a scene.

On page 5, please replace paragraph [0011] with the following:

[0011] This ~~invention~~ disclosure also relates to computer equipment including a calculator for executing a multimedia application exploiting the standard MPEG-4, at least one peripheral device for representing a multimedia scene, at least one peripheral device for commanding the application, an interface circuit including an input circuit for receiving signals from a command means and an output circuit for delivering a BIFS sequence, and means for constructing an output sequence as a function of signals provided by the peripheral input device.

On page 5, please replace paragraph [0012] with the following:

[0012] Better comprehension of the ~~invention~~ <u>disclosure</u> will be obtained from the description below pertaining to a nonlimitative example of implementation with reference to the attached drawings in which:

Fig. 1 represents the flow chart of the decoder model of the system, and

Fig. 2 represents the user interaction data flow.

Please replace paragraph [0013] spanning pages 5 and 6 with the following:

[0013] ~~This invention provides~~ <u>We provide</u> methods and a system for managing the multimedia interactions performed by one or more users from a multimedia terminal. The system is an extension of the specifications of the MPEG-4 Systems part. It specifies how to associate single-user or multi-user interactions with BIFS events by reusing the architecture of the MPEG-4 Systems. The system ~~linked to the invention~~ is generic because it enables processing of all types of single-user or multi-user interactions from input devices which can be simple (mouse, keyboard) or complex (requiring taking into account 6 degrees of freedom or implementing voice recognition systems). By the simple reuse of existing tools, this system can be used in all situations including those that can only support a very low level of complexity.

On page 6, please replace paragraph [0014] with the following:

[0014] ~~In the invention, which~~ <u>This disclosure</u> relates to single-user or multi-user multimedia interaction, <u>wherein</u> the interaction data generated by an input device of any type are handled as elementary MPEG-4 flows. The result is that operations similar to those applied to any elementary data flow can then be implemented by using directly the standard decoding sequence.

On page 6, please replace paragraph [0015] with the following:

[0015] The ~~invention~~ <u>disclosure</u> pertains in its broadest sense to a procedure for the management of interactions between peripheral command devices and multimedia applications exploiting the standard MPEG-4, the peripheral command devices delivering digital signals as a function of actions of one or more users. The method comprises a step of constructing a digital sequence having the form of a BIFS node (BInary Form for Scenes in accordance with the standard MPEG-4), this node

comprising one or more fields defining the type and the number of interaction data to be applied to the objects of the scene.

On page 8, please replace paragraph [0022] with the following:

[0022] The ~~invention~~ <u>disclosure</u> also pertains to computer equipment comprising a calculator for the execution of a multimedia application exploiting the standard MPEG-4 and at least one peripheral device for the representation of a multimedia scene, as well as at least one peripheral device for commanding the program characterized in that it also has an interface circuit comprising an input circuit for receiving the signals from a command means and an output circuit for delivering a digital sequence, and a means for the construction of an output sequence as a function of the signals provided by the peripheral input device, in accordance with the previously described procedure.